



EVI-X

Electric Vehicle Infrastructure Toolbox

The Electric Vehicle Infrastructure (EVI) Toolbox offers resources for estimating charging infrastructure needs and associated electrical demands based on user-defined electric vehicle (EV) adoption scenarios. For more information and additional resources, see the full [EVI-X Modeling Suite of EV Charging Infrastructure Analysis Tools \(https://www.nrel.gov/transportation/evi-x.html\)](https://www.nrel.gov/transportation/evi-x.html).



EVI-Pro Lite
Daily Charging
Need Tool



EVI-Pro Lite
Load Profile
Tool



EVI-RoadTrip
Long-Distance
Travel Charging
Need Tool



Daily Charging Needs

The **EVI-Pro Lite: Daily Charging Need tool** estimates how much EVI is needed to support typical daily travel in a given state or metropolitan area, with an option for ride-hailing applications. It is a simplified version of the [EVI – Projection Model \(EVI-Pro\)](#).

How Much Electric Vehicle Charging Do I Need in My Area?



STATEWIDE

Get estimates



METROPOLITAN AREA*

Get estimates

*Includes Public DC Fast Charging Ports for Ride-Hailing Applications

If you need technical assistance or have questions about EV charging infrastructure, contact your local [Clean Cities and Communities](#) coalition. For questions about the EVI-X Suite, please contact EVI-X@nrel.gov.



(<mailto:technicalresponse@icf.com>) **Need project assistance?**

Email the [Technical Response Service \(mailto:technicalresponse@icf.com\)](mailto:technicalresponse@icf.com) or call [800-254-6735 \(tel:800-254-6735\)](tel:800-254-6735).

The AFDC is a resource of the U.S. Department of Energy's [Vehicle Technologies Office \(https://energy.gov/eere/vehicles/technology-integration\)](https://energy.gov/eere/vehicles/technology-integration).

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